Building Codes and Historic Rehabilitation Bibliography

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Alderson, Caroline, Nick Artim, and Rick Allen. "Technical Preservation Guidelines," *Technical Preservation Guidelines*. Washington, DC: U.S. General Services Administration Center for Historic Buildings, Guide 3.1, April 2001, 9 pp.

Artim, Nick, "Automatic Fire Suppression for Historic Structures: Options and Applications," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 35-40. (What would happen if a fire starts and no one is there to put it out?)

Artim, Nick, "Sources of Help for Improving Fire Safety" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

BOCA Basic Building Code/1984. Country Club Hills, IL: Building Officials and Code Administration, Inc., 1983.

Building Construction and Safety Code (NFPA 5000). Quincy, MA: National Fire Protection Association, 2002.

California Building Code (CBC). Title 24, Parts 1-10, and 12. Sacramento, CA: State of California, California Building Standards Commission, 2001.

California Energy Code (CEC). Title 24, Par 6. Sacramento, CA: State of California, California Energy Commission, adopted Building Standards Commission, 2001. (Code regulates energy consumption and conservation in buildings and structures).

California Historical Building Code (CHBC). Title 24, Part 8. Sacramento, CA: State of California, Office of State Architect, 2001. Regulations created through authority of SHBSB in state statute (SHBC) (See http://www.bsc.ca.gov/title 24/documents/Part 8/2001 part8.pdf).

California, State Historical Building Code (SHBC). Health and Safety Code, Division 13, Part 2.7, Sections 18950-18961. Original legislation; chapter 906 (SB 927, Mills) 1975, latest legislation; Chapter 504, (AB 1731, HCD Committee) 2003. Legislative updates 1976, 1977, 1978, 1982, 1984, and 1990. Statute enabling the state mandated historic property alternative code program, and creating the State Historical Building Safety Board with authority for developing regulations and overseeing the program.

Caring for the Past. National Park Services Technical Preservation Services' online publications catalog. (See http://www2.cr.nps.gov/tps/tpscat.htm).

Care for your Historic Building. (Where to get help. See http://www2.cr.nps.gov/tps/care/index.htm).

Checklist for Rehabilitating Historic Buildings. (Steps to take before starting a rehabilitation project. See http://www2.cr.nps.gov/tps/cheklist.htm).

Code for the Protection of Cultural Resources (NFPA 909). Quincy, MA: National Fire Protection Association, 2001.

Code for the Protection of Historic Buildings (NFPA 914). Quincy, MA: National Fire Protection Association, 2001.

Connolly, William M. "The New Jersey Rehabilitation Subcode and Historic Preservation," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 19-21. (The New Jersey Rehabilitation Subcode, winner of the 1999 Innovations in American Government Award, eliminates building code requirements as a disincentive to the rehabilitation of existing structures).

Copping, Alexander G. "Fire-Safety Evaluation Procedure for the Property Protection of English Parish Churches: A Tool to Aid Decision Making," in the proceedings of International Conference on Fire Protection of Cultural Heritage (Thessaloniki-Hellas, Greece, June 2000).

Dawes, Robyn M, "The Robust Beauty of Improper Linear Models in Decision Making," *American Psychologist*, Vol. 34, July 1979, pp. 571-582.

Federal Historic Preservation Tax Incentives. (Everything you need to know about this popular program, including applications. See http://www2.cr.nps.gov/tps/tax/index.htm).

Fire Prevention and Building Code Compliance for Historic Buildings: A Field Guide. Montpelier: VT: Vermont Department of Labor and Industry, 1997. See http://www.state.vt.us/labind/Fire/Historic.htm.

Fire Safety Retrofitting of Historic Buildings. Washington, DC: Advisory Council on Historic Preservation and General Services Administration, 1989.

"Fire-Safety Evaluation System (FSES)" Chapter 7 of *Guide on Alternative Approaches to Life Safety (NFPA 101A)*. Quincy, MA: National Fire Protection Association, 2001.

Fischer, Richard, "Rehabilitation Subcode Success," *Public Management*, March 2001, pp. 12-17.

Forest, Ben, "New Jersey Revs Up Its Rehabs," Planning, August 1999, pp. 10-12.

Good Guides, The. (All Technical Preservation Service's historic preservation guidance in one place for easy access. Includes Briefs, Tech Notes, Standards/Guidelines, and web classes on several topics. See http://www2.cr.nps.gov/tps/care/).

Guidelines on Fire Ratings of Archaic Materials and Assemblies. Washington, DC: U.S. Department of Housing and Urban Development, 2000. (This document has an extensive 9-page bibliography and is also reproduced as appendix 1 of NPFA 914, and available online at http://www.huduser.org/publications/destech/fire.html).

Hattis, David B. *Smart Codes in Your Community: A Guide to Building Rehabilitation Codes*. Washington, DC: U.S. Department of Housing and Urban Development, Office of Policy Development and Research, August 2001, 24 pages. (Prepared by: Building Technology, Inc.). See <www.huduser.org>.

Health and Safety Code 18950-18961, the [California] State Historical Building Code. (See http://www.leginfo.ca.gov/calaw.html, check the Health and Safety Code box and type in 18950 in search engine).

Internal Revenue Service Connection (Tax Incentives). (A series of questions and answers about the historic preservation tax incentives, prepared by IRS professionals. See http://www2.cr.nps.gov/tps/tax/IRS.htm).

International Building Code. Country Club Hills, IL: International Code Council, 2003.

International Existing Building Code. Country Club Hills, IL: International Code Council, 2003.

Jackson, Mike, "Main Street and Building Codes: The 'Tin Ceiling' Challenge," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 29-34. (This article addresses the technical alternatives for a historically significant archaic building material that fails to meet modern fire-resistance requirements for occupancy separation).

Kaplan, Marilyn E., "Considering Fire-safety Improvements to Historic Buildings," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 10-17. (Fire-safety improvements should be selected based on established principles of conservation and a fire-risk assessment undertaken for the individual historic building).

Kaplan, Marilyn E., "Fire Protection in Religious Properties through Management, Operations and Architectural Changes" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

Kaplan, Marilyn E., "Rehabilitation Codes Come of Age: A Search for Alternative Approaches," *APT Bulletin,* Vol. 34, No. 4, Dec. 2003, p. 5-8. (The success of improved codes for historic buildings can be traced through three decades of advancements, achievements, and regulatory reform).

Kaplan, Marilyn E., "Safety, Building Codes and Historic Buildings," *Historic Preservation Information Booklet*. Washington, DC: National Trust for Historic Preservation, 1997.

Kaplan, Marilyn E., and John M. Watts, Jr. "Codes for Historic Buildings" (draft), prepared under a grant from the National Center for Preservation Technology and Training (NCPTT), National Park Service, 2000.

Lovejoy, Kim, "Increased Awareness Results in Action" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

Lynch, Michael F., "Planning Projects to Prevent Damage during Construction: A Property Owner's Primer," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 43-46. (How do you avoid common mistakes so the biggest threat to a building is not the project to restore it?).

Lynch, Michael, with Kim Lovejoy, "Project Planning: Preventing Fire During Construction," in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

Minimum Design Standards for Rehabilitation Properties. Washington, DC: U.S. Department of Housing and Urban Development, 1973.

Mistick, David J., "Disaster Planning and Recovery" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

National Applicable Recommended Rehabilitation Provisions (NARRP). Washington, DC: U.S. Department of Housing and Urban Development, Office of Policy Development and Research, May 1997.

Nelson, Michael. "Fire Suppression Systems in Historic Places of Worship" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

New Jersey Uniform Construction Code—Rehabilitation Subcode, January 5, 1998. (Online copy at www.state.nj.us/dca/codes/rehab> and then click on "view by section").

Pianca, Elizabeth G. "Smart Codes: A New Approach to Building Codes," Forum News, May/June 2001.

Preservation Briefs Series. (Short, illustrated essays developed to assist owners and developers of historic buildings in recognizing and resolving common preservation and repair problems prior to work. See http://www2.cr.nps.gov/tps/briefs/presbhom.thm).

Puchovsky, Milosh, and Quiter, James. "The Application of Performance-Based Design Concepts for Fire and Life Safety", Supplement 7, *Life Safety Code Handbook*. Quincy, MA: National Fire Protection Association, 2003. (Includes information on performance-based design concepts for fire safety in an art gallery, a botanical garden and the preservation of a historic building).

Randl, Chad. *Historic Interior Spaces: Preserving Historic Corridors and Glazing in High-Rise Buildings*. Washington, DC: U.S. Department of the Interior, National Park Service, Technical Preservation Services, Tech Note Number 3, Sept. 2001, 6 pp. http://www2.cr.nps.gov/tps/technotes/PTN43/intro.htm.

Razza, P.E., Joseph C. "Fire Alarm Systems in Historic Places of Worship" in New York Landmarks Conservancy's "Special Report: Fire Prevention for Religious Properties," *Common Bond* series, Vol.14, No.2, Oct.1998.

Rehabilitation Guidelines. Washington, DC: U.S. Department of Housing and Urban Development, 1980, 8 volumes. (Volume eight, Fire Ratings of Archaic Materials and Assemblies, remains an important resource that provides information on fire-resistance ratings for materials no longer commonly used. Undated in 2000, it was reprinted by the Association for Preservation Technology, include in NFPA 214: Code for Fire Protection of Historic Structures (2001), and incorporated into other codes as an appendix or reference standard. Marilyn Kaplan).

Sandow, Stefani. "Interior Signage for Historic Buildings," *Technical Preservation Guidelines*. Washington, DC: U.S. General Services Administration Center for Historic Buildings, Guide 1.1, March 2000, 4 pp.

SFPE Engineering Guide to Performance-Based Fire Protection Analysis and Design of Buildings. Ouincy, MA: National Fire Protection Association, 2000.

Solomon, Robert E., PE. "Preserving History from Fire: Bridging the Gap Between Safety Codes and Historic Buildings," *Old House Journal*, Nov./Dec. 2001, p. 41.

Selected Case Studies, Building Code Issues in Historic Preservation, Deborah Denné, ed. Oakland, CA: California Preservation Foundation. (See http://www.californiapreservation.org/books.html>.

Standards and Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings. (Common sense principles in non-technical language developed to promote consistent preservation practices. One approach to treatment is selected and one set of Standards used throughout a project. The illustrated guidelines assist in applying the *Secretary of the Interior's Standards for the Treatment of Historic Properties* to specific work items. See http://www2.cr.nps.gov/tps/standguide/).

Standards and Guidelines for Rehabilitating Historic Buildings. (Illustrated guidelines help property owners, developers, and federal managers apply the Secretary of the Interior's Standards for Rehabilitation during the project-planning phase, before work begins. See http://www2.cr.nps.gov/tps/tax/rhb/).

Technical Advice Note 11: Fire Protection Measures in Scottish Historic Buildings. Edinburgh, Scotland: Historic Scotland, 1997.

Technical Preservation Services for Historic Buildings on the Web. (See http://www2.cr.nps.gov/tps/).

Timber Panelled Doors and Fire: Upgrading the Fire Resistance Performance of Timber Panelled Doors and Frames. London, English Heritage, 1997.

Uniform Construction Code Rehabilitation Subcode, New Jersey Administrative Code, Title 5, Chapter 23, Subchapter 6. New Jersey: Adopted: January 5, 1998; Revised: December 18, 2000. (<www.state.nj.us/dca/codes/rehab> and then click on "view by section").

Watts Jr., John M., "Fire-Risk Indexing," *SFPE handbook of Fire Protection Engineering*. Quincy, MA: National Fire Protection Association, 2002. (See Section 5, Chapter 10).

Watts Jr., John M., "Fire-Risk Indexing: A Systemic Approach to Building-Code 'Equivalency' for Historic Buildings," *APT Bulletin*, Vol. 34, No. 4, Dec. 2003, p. 23-28. (Fire-risk indexing can be an effective tool for achieving code compliance by using the equivalency provisions of current building codes).

Watts Jr., John M., and Marilyn E. Kaplan. *Development of a Prototypical Historic Fire Risk Indexes to Evaluate Fire-Safety in Historic Buildings*, prepared for the National Center for Preservation Technology and Training (NCPTT), National Park Service, 1998.

Watts Jr., John M., and Marilyn E. Kaplan. "Fire Risk Index for Historic Buildings," *Fire Technology,* Vol. 36, No. 2, 2001, pp. 167-180.

Watts Jr., John M., and Marilyn E. Kaplan. *Fire Safe Building Rehabilitation*. Quincy, MA: National Fire Protection Association, 2003.

Watt Jr., John M., and Marilyn E. Kaplan. "Performance-Based Approach to Protecting Our Heritage," in *Proceedings: International Conference on Performance-Based Codes and Fire Safety Design Methods*, Boston, MA: Boston Society of Fire Protection Engineers, 1997, pp. 339-347.

Watts Jr., John M., and Robert E. Solomon. "Fire Safety Code for Historic Structures," *Fire Technology*, Vol. 38, pp. 301-210, 2002.

Winter, Thomas A. "A Pioneering Effort: The California State Historical Building Code," *APT Bulletin*, Vol. 34, No. 2-3, pp. 17-21. (This code, developed in response to the 1973 California History Plan finding that restoration was often made difficult by unnecessarily rigid interpretation of building codes, has board application to a wide range of properties and safety issues).

Wisconsin Historic Building Code. Madison, WI: Wisconsin Administrative Code, date? _____. (See "Rules of Industry, Labor and Human Relations," Chapter IL-HR 70).